Hlawka, Edmund. Ausfüllung und Überdeckung konvexer Körper durch konvexe Körper. Monatsh. Math. 53, 81– 131 (1949).

Let K = K(r, f) be a convex body in n-dimensional space, with the origin 0 as centre, defined by an inequality $f(x) = f(x_1, \dots, x_n) \le r$. Let

$$M = \sup_{\Gamma} \inf_{0 \neq z \in \Gamma} f(x), \quad \epsilon = \inf_{\Gamma} \sup_{z \in \Gamma} \inf_{z \in \Gamma} f(x \cdot \vdash z),$$

where Γ is an arbitrary lattice with determinant 1 and x and z are arbitrary points. The author proves that

$$1 \le [1 - \frac{1}{2}(1 - \frac{1}{2}J^{1/n}M)^n]^{-1} \le e^n J \le (\frac{1}{2}n)^n M^n J \le n^n$$

where J is the volume of K(1, f).

A set of bodies $K_i: j(x-p_i) \le r$, $i=1, \dots, a$, is said to form a packing of a bodies K into a convex body B, if each K_i is contained in B and no two K_i have common inner points. A similar set K_i , $i=1, \dots, u_i$ is said to form a covering of B by u bodies K if each K_i contains an inner point of B and every point of B is contained in some K_i . A packing of K into B is said to be a lattice packing, if, for some lattice Γ and some point z, (i) $p_i = g_i + z_i$ for some g_i of Γ , and (ii) if $p + z_i \Gamma$ and the body $f(x-p) \le r$ is contained in B, then p is one of the p_i . [The author emits the essential condition (ii); his definitions S, IS and IS and IS hattice covering is defined similarly. Let IS and IS hattice covering is defined similarly. Let IS and IS be the upper and lower bounds of the number of bodies IS in the packings and coverings of IS, respecsiource: Mathematical Reviews.

tively. Let $a^*(B, K)$ and $u^*(B, K)$ be the corresponding bounds for the lattice packings and lattice condition.

The author obtains both upper and lower hounds for hote $a^*(B, K)$ and $u^*(B, K)$, which ensure that, if V is the volume of B, the limits

$$\Delta^* = \lim_{n \to \infty} a^*(B, K) Jr^*/V, \quad \partial^* = \lim_{n \to \infty} \mu^*(B, K) Jr^*/V$$

exist and have the values (iM) I and of I Further it is shown that

$$\Delta = \lim_{n \to \infty} a(B, K) |F^n/V|$$
 $\delta = \lim_{n \to \infty} u(B, K) |F^n/V|$

exist and are independent of Al.

It is clear that A 篇 篇 1 ≦ 0 篇 0 *. Improved upper lounds for a and lower bounds for dans found for certain classes of hodies K similar in those discussed by J. G. van der Corput and H. Davinport [Weigrl. Akad. Wettersch., Proc. 49, 701-707 = Indagntiones Mittli. 8, 409-415 (1946); these Rev. 8, 317]. Other topics discussed are: upper bounds for Δ for spheres and cylinders; patkings and coverings with convex bodies which do not have a centre; distributions of points p_1, \dots, p_r in B with $f(p_i - p_j) \ge d$, if $i \ne j$; packings in which at most k-1 bodies may overlap; coverings in which each point of B belongs to at least k bodies; packings and coverings with boilies, which are not all the same size, or which are selected from a set of bodies, not all the same shape; selection from coverings of systems of nonoverlapping bodies. C. A. Rogers (Princeton, N. J.).

. No

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618030006-7"

Hlawka, Edmund

Hlawka, Edmund. Über Integrale auf konvexen Körpern.
T. Monatsh, Math. 54, 1-36 (1950).

Let B be a convex body in R_m and let the Gaussian curvat. Luce of its surface have a positive lower bound. Suppose the origin is an inner point of B and that f(x) is the distance-function of B, where $x = (x_1, \dots, x_m)$. Write dx for the element of volume and $lx = l_1x_1 + \dots + l_mx_m$, where $l = (l_1, \dots, l_m)$. The author discusses integrals of the type $\int_B \Phi(f(x)) e^{dx} dx$ subject to differentiability conditions on the surface of B and on the arbitrary function $\Phi(u)$, using the method of stationary phase.

For given unimodular matrix A, vector y, and real number $u \ge 0$, denote now by $\Phi(y, u)$ the number of integer vectors x satisfying $f^2(A(x-y)) \le u$, i.e., $\Phi(y, u)$ is the number of lattice points in a body, u, times B displaced to Ay. Then, if \Im is the volume of B, we have as $u \to \infty$,

(i)
$$\Phi(y, u) = \Im u^{s_1/2} + O(u^{m(m-1)/2(m+1)}),$$

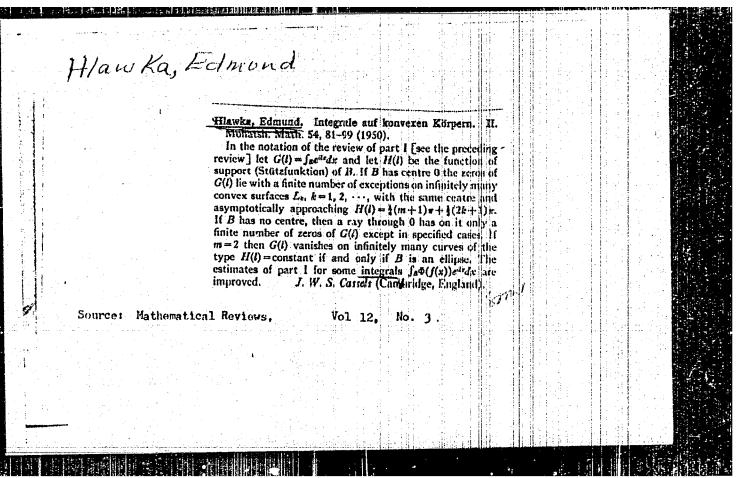
(ii)
$$\Phi(0, u) = \Im u^{n/2} + \Omega(u^{(n-1)/4}).$$

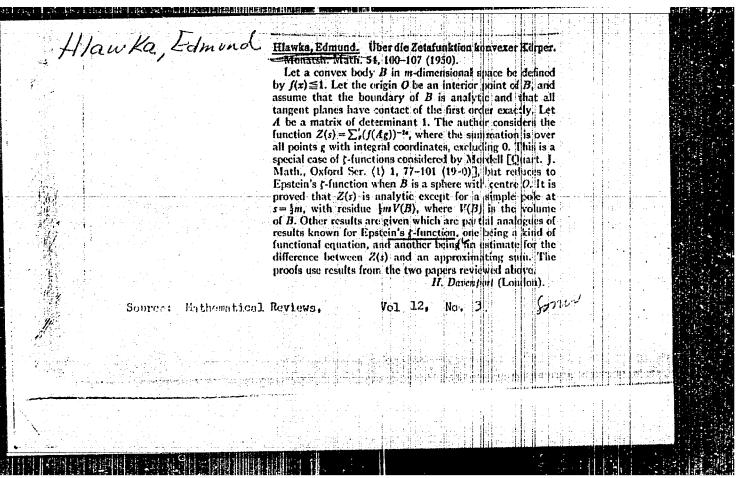
Source: Mathematical Reviews.

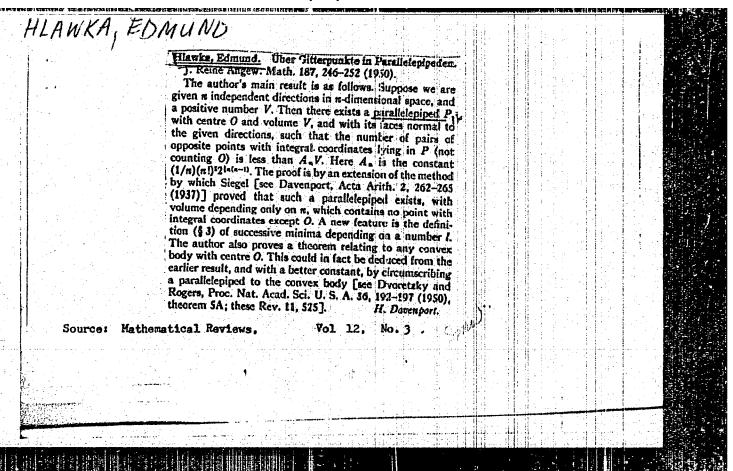
Let $\lambda(u) / \infty$ as u / ∞ and let $0 \le 2 < 2 / (m-1)$. Suppose u_0 , $r=1, 2, \cdots$, is a sequence such that $\sum_{i=1}^{n-1} (u_i) < \infty$. Then (iii) $\Phi(y_i, u) = \sum_{i=1}^{n-1} (U_i) + U_i (u$

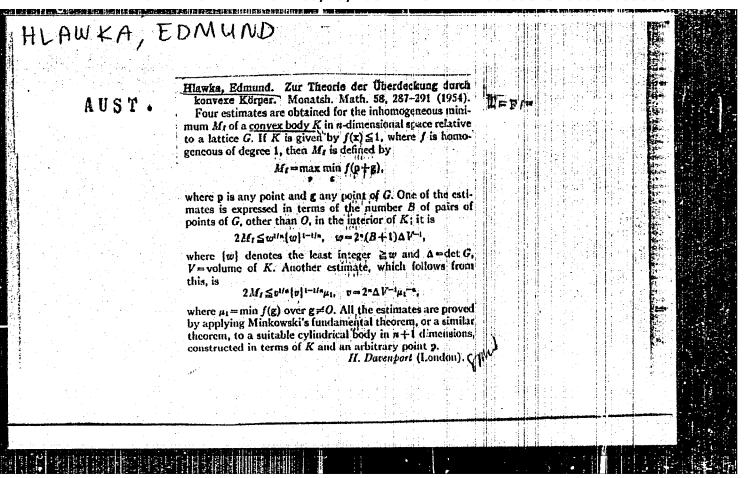
J. W. S. Cashen (Cambridge, England).

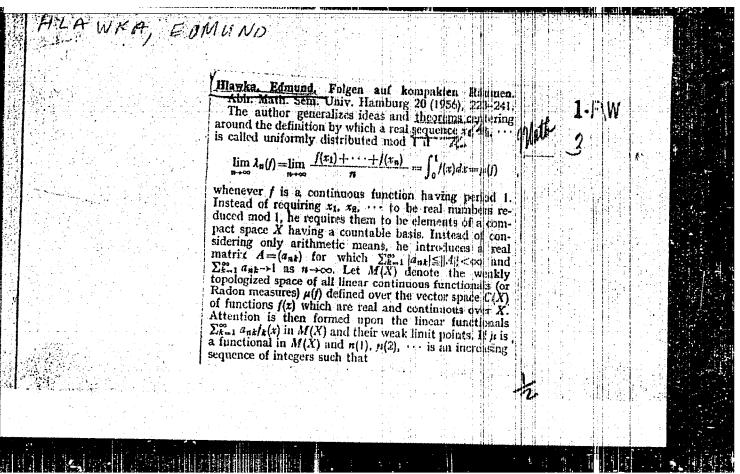
Vol. 12. No. 3.

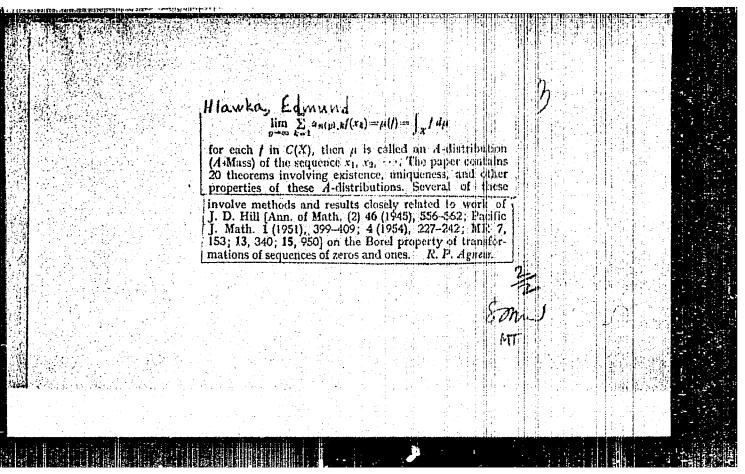


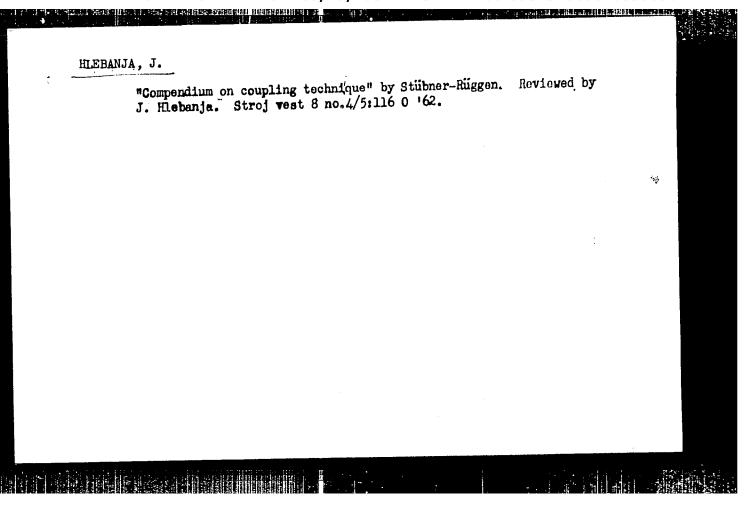












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HLEBANJA, J.

क देवराच माहरूप च इन्द्राय जना इन्द्रियाक आमावसामा आहार है ।

"Machine construction norms for study and practice." Reviewed by J. Hlebanja. Stroj vest 9 no.4/5:131 0 '63.

"Welding technical standards and directions." Reviewed by J. Hlebanja. Ibid.:131-132

"Fottinger couplings and Fottinger gears" by E. Kickbusch. Reviewed by J. Hlebanja. Ibid.:133

HLEBANJA, Joze, doc. inz.

The passenger cable railway on Popova Sapka Mountain. Stroj vest 8 no.6:181-184 D '62.

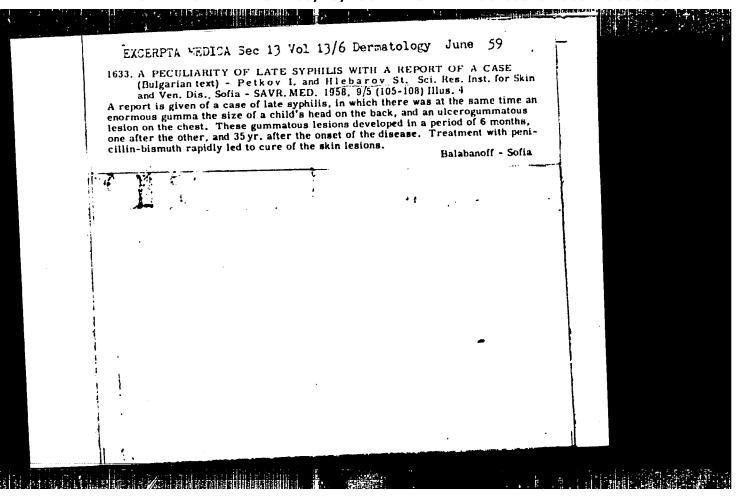
1. Fakulteta za strojnistvo, Ljubljana.

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618030006-7"

n na jaki dhiji dhiji kanat katid

CERNIGOJ, B.; SELJAK, Z.; NOVAK, P.; PUST, J.; MUREN, H.; OPRESNIK, M.; KUHELJ, A.; HLEBANJA, J.; KRUSIC, B.; POVSE, R.; KRAUT, B.; PROSENC, V.; PRELOG, E.

Book reviews. Stroj vest 10 no.6:176-182 D '64.



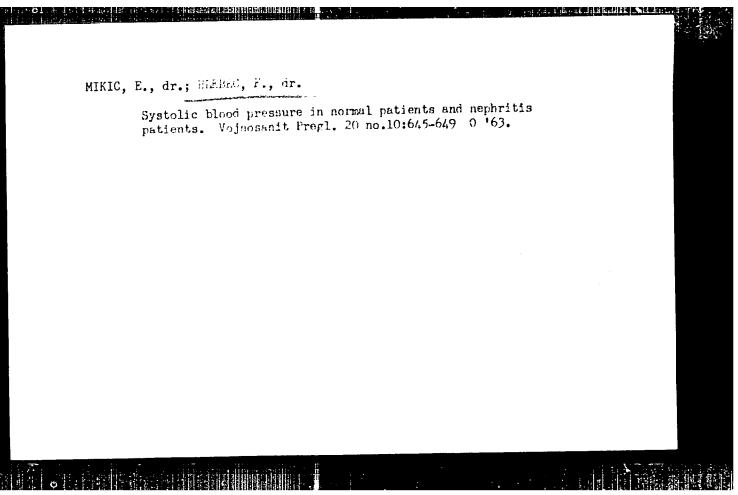
SARIC, Marko, dr.; Himbec, Franjo, dr.

Studies on the incidence of kidney diseases in the rural population exposed to lead. Lijec. vjes. 81 no.7-8:457-464 '59.

1. Iz Instituta za medicinska istrazivanja Jugoslavenske akademije znanosti i umjetnosti i Centralnog bigijenskog zavoda ER Hrvatske.

(KIDNEY DISEASE etiol.)

(LEAD POISONING compl.)



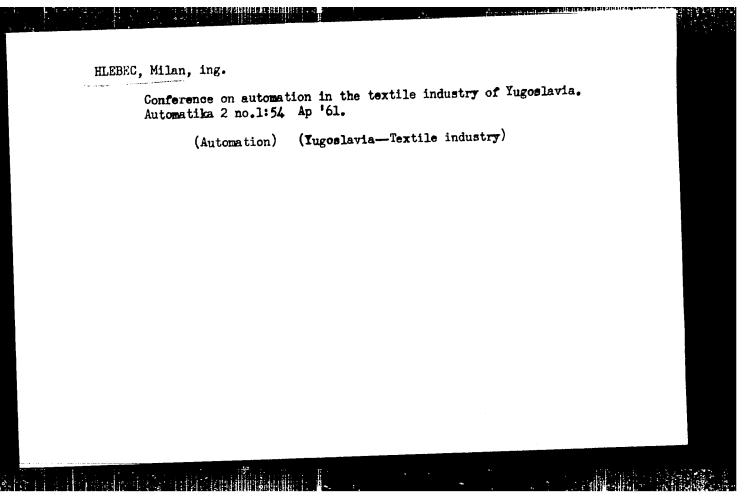
HLEBEC, Milan, ing.

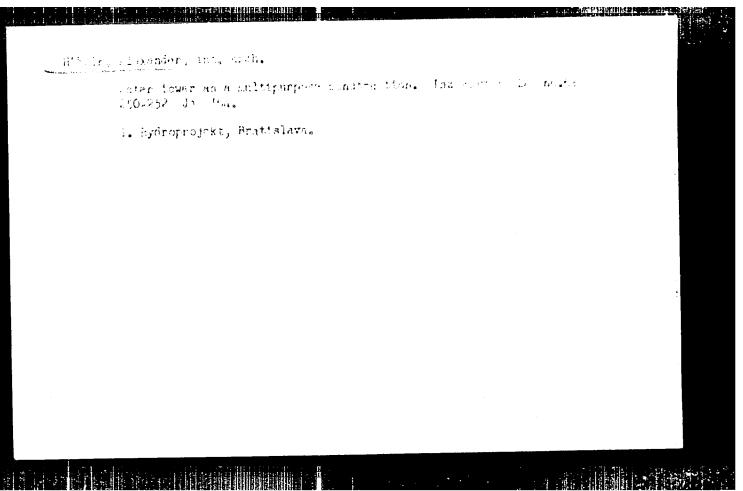
Signal and control equipment in modern weaving mills. Automatika 2 no.1:36-38 Ap *61.

(Automatic control) (Weaving)

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APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618030006-7"





HLEDIK, E. Retrograde invagination of the jejunum into Braun's anastomosis. Cesk. rentgen. 17 no.4:258-260 Jl '63. 1. Klinicka zakladna rentgenologicke katedry UDL v nemocnici v Praze na Bulovce, vedouci MUDr. J. Sianina, Klinicka zakladna chirurgicke katedry UDL v nemocnici v Praze na Bulovce, vedouci prof. dr. J. Knobloch, DrS. (INTUSSUSCEPTION) (GASTROCTOMY SYNDROMES) (RADIOGRAPHY)

HLEDIK, E.; VOJTECH, K.; FOJTIK, F.

Traumatic lung changes following closed thoracic injuries. Cesk. rentgen. 18 no.2:116-120 Mr. 64.

1. Klinicka zakladna rentgenologicke katedry UDL v Praze (vedouci: MUDr. J.Slanina) a Detske chirurgicke oddeleni v nemocnici v Praze na Bulovce (vedouci: MUDr. F.Fojtik)

R/003/60/011/005/007/023 A125/A026

at carr isligabilit beka k

AUTHOR: Hle

Hlevca, B., Engineer

TITLE:

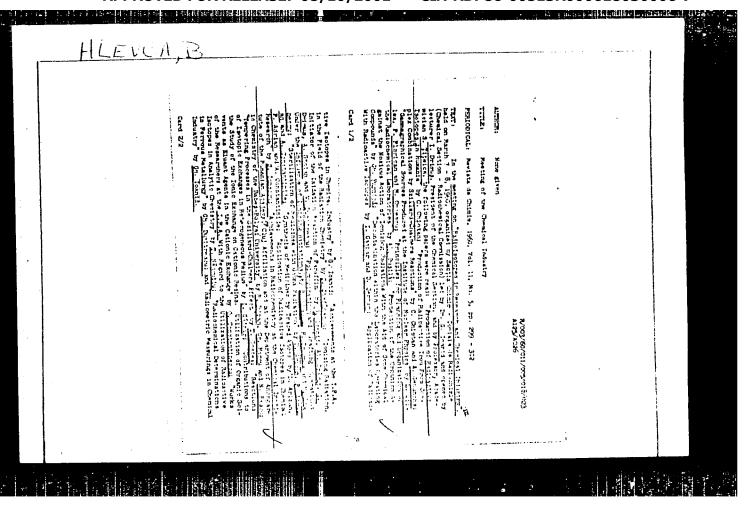
Copolymerization by "Grafting" (Grefare) Under the Action of Ioniz-

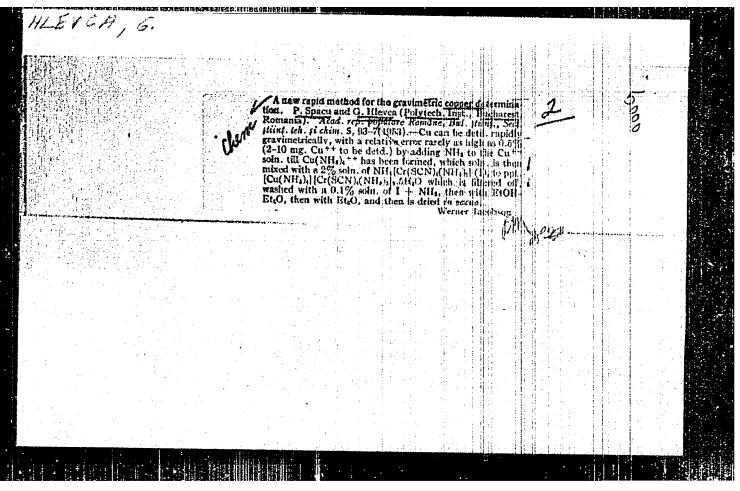
ing Radiations

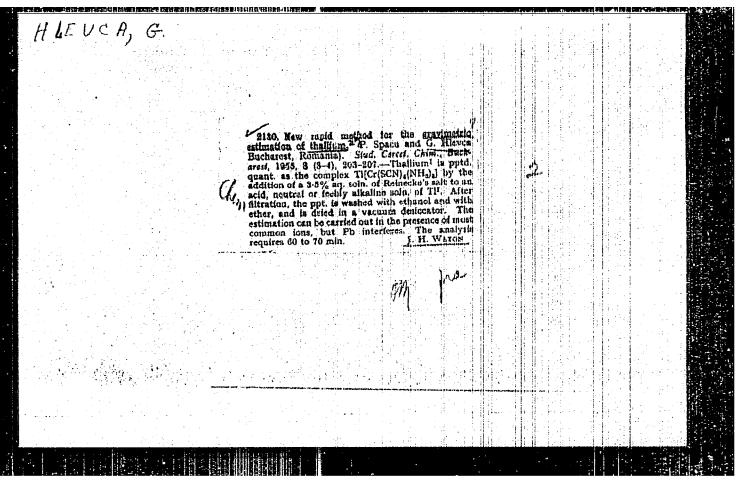
PERIODICAL: Revista de Chimie, 1960, Vol. 11, No. 5, p. 276

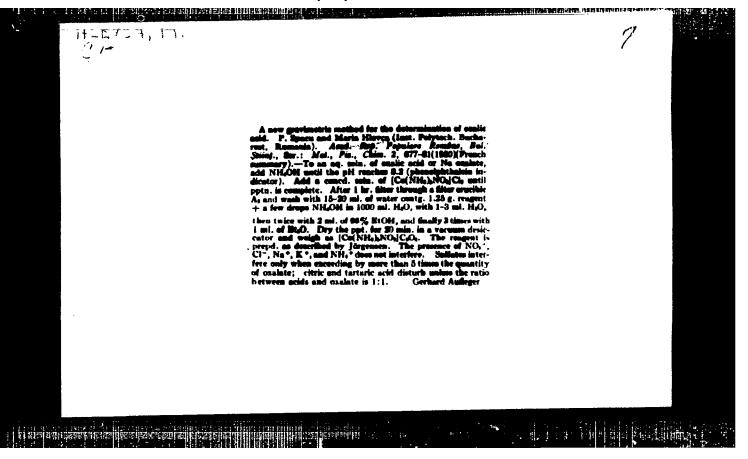
TEXT: This is an extract of an article, the origin of which is not mentioned. The article shows that ionizing radiation has found wide application in macromolecular chemistry. It lists a series of applications and presents the possibility of a new technology such as the polymerization by "grafting" (grefare). After briefly referring to the procedure of polymerization by "grafting", the author examines the behavior of macromolecules polycondensed by "grafting" and lists the advantages of the copolymerization by ionizing radiation. He also indicates the most usual ways for the production of "grafted" copolymers. Before describing the properties of the copolymers obtained, he briefly presented the mechanism of the "grafting" reaction. There are two mechanisms possible in function of the operation conditions. Finally, he presents the properties of the "grafted" copolymers in general.

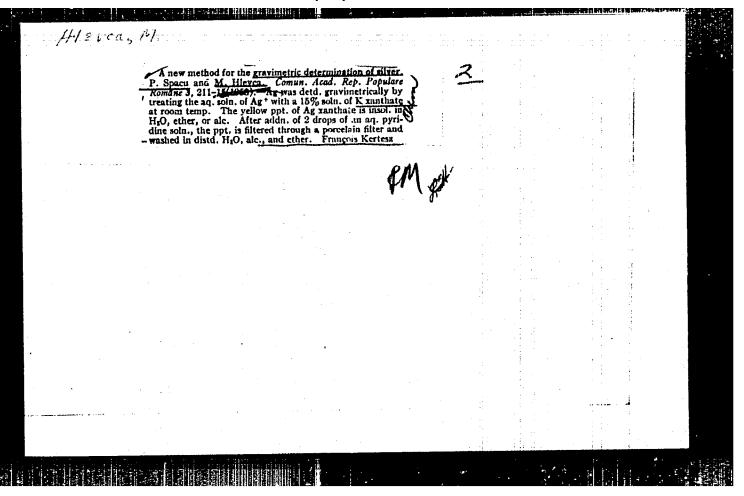
Card 1/1







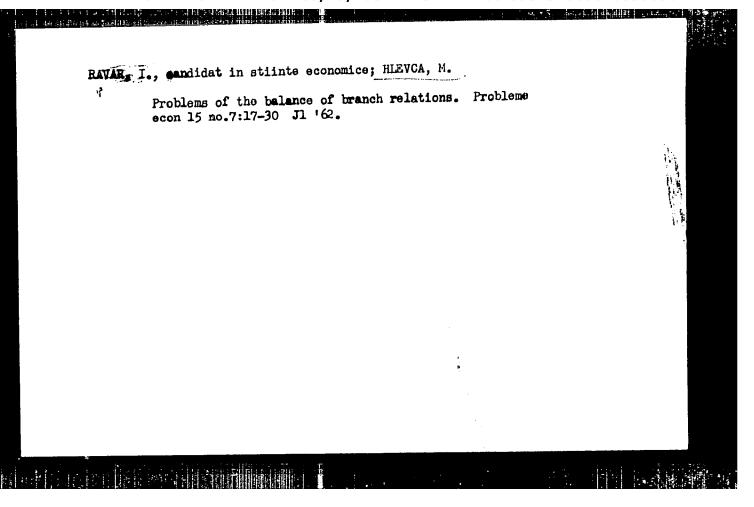




APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618030006-7"

Complex compounds of some thiocyanates and metallic halogens with the hydrazide of isonicotinic acid. Note I. Studii cerc chim 9 no.3: 547-556 '61.

1. Iaboratorul de chimie anorganica, Institutul politehnic, Bucuresti.



APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618030006-7"

SCHNAPP, Bernard (Bucuresti); HIEWING, SAIO (Bucuresti)

Methods of ecologic research on small mammals. Natura
Geografie 12 no. 6:80-82 N-D '60.

HLIBOWICKI, KOMAN

POLAND/Soil Science - Cultivation, Amelioration, Erosion.

J-4

Abs Jour

: Ref Zhur - Biol., No 2, 1958, 5807

Author

Hlibowicki, Romen

Inst Title

Field Shape and its Relation to Soil Mass Displacement

Orig Pub

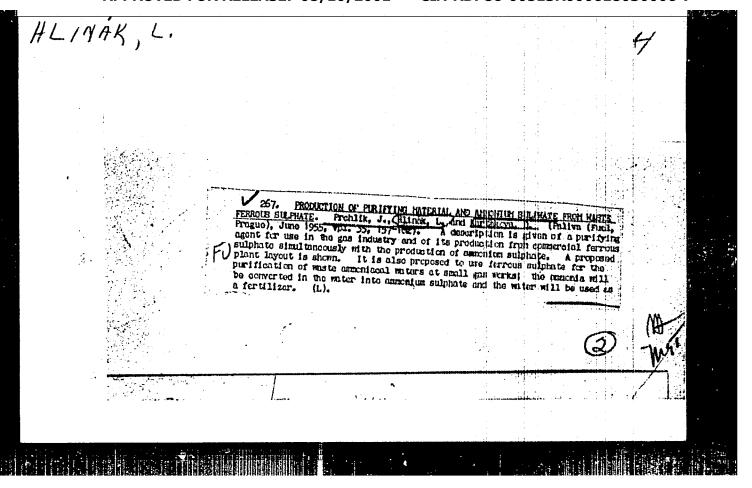
: Roczn. nauk rolniczych, 1955, F71, No 1, 89-110

Abstract

: This is a discussion of the results of a comparison of geodesic photographs in the Svidnitsa rayon taken in 1935 and 1955 on slopes with up to 12% of slant. On clayey tilled soils an average of 16 mm. was removed every year through erosion. The author considers irrational methods of tillage on slopes to be the fundamental reason for the onset of intensive erosion. It is recommended that the boundaries between separate fields always be horizontal. The necessity of introducing into Polish agricultural legislation various regulations requiring measures to be undertaken against erosion on slopes is noted.

Card 1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618030006-7"



3/137/62/000/009/005/033 \ A006/A101

The Claim Bull Harden

AUTHOR:

Hlineny, Jaroslav

TITLE

Desulfuration in electric-slag remelting

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 9, 1962, 40 - 41, abstract 90260 ("Sb. vedec. praci Vysoké školy banské Ostravě", 1961, v. 7,

no. 2, 239 - 244, Czech; summaries in Russian and English)

Desulfuration of metal in electric slag remelting is analyzed. Desulfuration is studied both from the viewpoint of the molecular theory of S distribution between the metal and slag, and from the viewpoint of the ionic theory. It is shown that S is eliminated from the slag due to its oxidation on the slag pool surface by air O2. The author observes that S can not be carried away from the slag by the formation of volatile F-compounds. The analysis of the desulturation process from two viewpoints made it possible to explain satisfactorily the different desulfuration degree when using d-c of direct and reverse polarity. An attempt is made of explaining the problem of a fuller desulfuration by using a-c, as compared with desulfuration on d-c. There are 14 references.

[Abstracter's note: Complete translation]

D. Kashayeva

Card 1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618030006-7"

\$/137/62/000/012/009/085 A006/A101

AUTHORS:

Bůžek, Z., Hliněný, J.

TITLE:

Energy balances and the possibility of reducing heat losses in

electric-arc steelmelting furnaces

PERIODICAL:

Referativnyy zhurnal, Metallurgiya, no. 12, 1962, 46,

aostract 12V292 ("Sb. vědec. prací Vysoké školy báňské Ostravé", 1961, v. 7, no. 7, 735 - 748: Czech; summaries in Russian and

English)

TEXT:

The authors studied heat losses through cooling water and the fur-

nace surface on 3 - 6-ton furnaces. Measures are recommended to reduce heat

losses.

D. Kashayeva

[Abstracter's note: Complete translation]

Card 1/1

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8/137/62/000/012/008/085 A006/A101

AUTHORS:

Bůžek, Z., Hliněný, J., Schindlerová, V.

TITLE:

Operational conditions of steelmelting arc-furnaces

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 12, 1962, 46,

abstract 12V291 ("Sb. vědec, prací Vysoké školy báňské Ostravé", 1961, v. 7, no. 7, 749 - 789, Czech; summaries in Russian and

English)

The authors studied problems connected with the setting-up of ef-TEXT: ficient operational conditions for steelmelting arc-furnaces. Different methods of determining efficient operational conditions are compared, Information is given on A. N. Sokolov's (simplified) method which expresses the specific efficiency and electric power consumption as functions of the mean active power of the unit; this method is sufficiently reliable to determine efficient operational conditions. The operational conditions established by this method should be checked with the aid of specified operational characteristics or on the basis of theoretical operational characteristics.

D. Kashayeva

[Abstracter's note: Complete translation]

Card 1/1

APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86-00513R000618030006-7"

BUZEK, Z.; HLINENY, J.

Intensification, mechanization and automation of steel production in electric arc furnaces. Shor VSB Ostrava 9 no.1: 7-23 *63.

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HLEERY, J.; KOUDELKA, M.

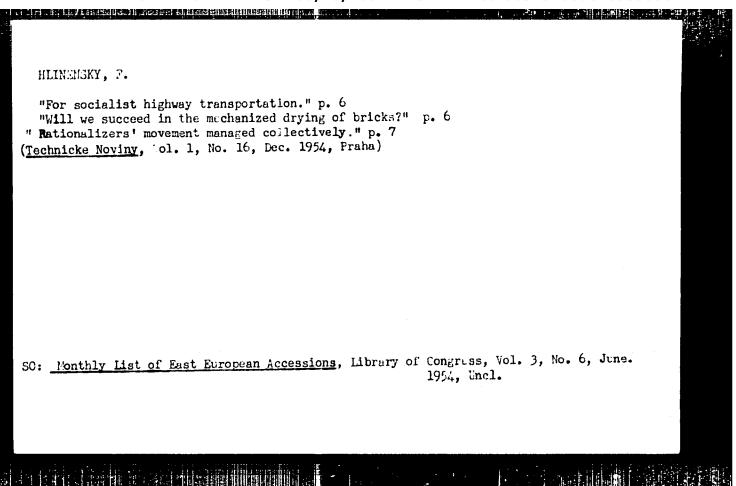
Contribution to the problem of determining the electric operation of arc furnaces. Shor VSB Ostrava 9 nc.1:93-11.4 '63.

HLINENY, J.; BUZEK, Z.; WHEELER, F.

Districts of Chica and Minimum and the

Problems of automatic control of the electrode motion of electric arc furnaces. Sbor VSB Ostrava 9 no.1:115-140 '63.

Comparison of the various methods of automatic control of the motion of electrodes used in arc furnaces in Czechoslo-vakia. 141-161



230c. 1

3/194/62/000/010/008/084 A154/A126

AUTHORS:

Hlinenský, Ferdinand, Zahradník, Miroslav

TITLE:

A device for converting a graphic recording (image) into an elec-

tric voltage

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 10, 1962,

19 - 20, abstract 10-1-38ch (Czech. pat., cl. 42d, 3/25; 42d, 1/15,

no. 98978, March 15, 1961)

A patent is granted for a device for direct conversion of graphic recordings (images), e.g., oscillographic, mechanical or photographic recordings, TEXT: into an electrical voltage. The device dispenses with the need for mathematical processing and the use of qualified manpower. The essence of this invention (see Figure) consists in the use of a rotary drum (1) whose lateral surface has slits (2) running parallel to the drum's hollow rotating axle (3). The axle (3) is rotated by an electric motor (5) through a transmission mechanism (4). Inside the drum (1) there is a photocell (6) fixed on a holder (7) through which wires (13) are led to the photocell (6). On the mounting board (8) of the de-

Card 1/3

A device for converting a graphic recording

\$/194/62/000/010/008/084 A154/A126

vice there is an illuminating unit consisting of a lamp (9), a ground-glass screen (10), and a frame (11) serving to hold the image (12). The illuminating unit is enclosed by a casing (14), the drum (1) is covered by a cover (15). The graphic image, taken from the measuring instrument, is made by any suitable method, so that its width corresponds to the distance between neighboring slits (2). The lower part of the image is blacked out, and the upper part is cut around its contour, after which the image is inserted in the frame (11). When the drum (1) rotates, the luminous flux from the lamp (9), falling onto the photocell (6) through the slit (2), is proportional to the ordinate of the graphic (12); the voltage appearing at the photocell output is thus proportional to this ordinate and can be used for any purpose. In a variant of the device it is pointed out that the illuminating unit and the photocell can be mounted inside the drum, external mirrors being used for reflecting the rays coming from the image onto the photocell. There are 2 figures.

I.P."

[Abstracter's note: Complete translation]

Card 2/3

Z/059/62/000/003/003/007 D406/D301

AUTHOR:

Hliněnský, Ferdinand

TITLE:

Strain gages as sensors for automatic control of

service-life program tests

PERIODICAL:

Zpravodaj VZLÚ, no. 3, 1962, 95-100

TEXT: The VZLU (Aeronautical Research and Test Institute) developed a standard strain-gage unit which has been used since 1960 for automatic program tests to determine the service-life of aircraft components. The entire test unit consists of an electrical, hydraulic and loading system. This article deals only with the electrical system which, in turn, consists of a standard strain-gage apparatus with a balanced bridge and a strain-gage dynamometer. The four major components of the strain-gage apparatus, i.e. the control, safety, program, and registration unit, are built into the drawers of a cabinet and can individually be exchanged. The control unit is equipped with a slightly modified "SA 1" bridge, and serves the limitation of applied forces or cyclic loading; the safety unit protects

Card 1/2

Strain gages as sensors ...

Z/059/62/000/003/003/007 D406/D301

the tested parts from overloading (+ 10%); the program unit generates the electrical signals for the hydraulic loading device according to an arbitrary program, picked-up by phototransistors from a 2-m film loop with a total of 400 program cycles; the registration unit permits numerical counts, signalization, oscillographic representation, and punched-tage recording. The dynamometers are placed in the resultant force which loads the tested pasts. The loads exert a mechanical stress on the gage, the resistance of the strain gage changes, and the bridge is counterbalanced at loading intervals. Most suitable for control purposes is a bridge with the very precise zero method. The load-control securacy is 2 3%. The described test unit can also be expanded (two buidges, one for control, the other for belancing) for symmetrical platrol of two forces, or for nonsymmetrical loading with more forces of arbitrary mutual proportion. The strain-gage test unit was successfully used in fasigue tests of "L 200" aircraft parts, but can also be used in similar tests by other mechanical-engineers as shops. A similar apparatus of improved design, salvable for more complex test programs, is currently being developed. There are 17 figures and 4 references. (Technical editor: Eng. Ederick Klima). Card 2/2

"APPROVED FOR RELEASE: 08/10/2001 CIA-RDP86

CIA-RDP86-00513R000618030006-7

32355

Z/032/62/012/006/002/002 E197/E435

26.2190

Hlinensky, F.

AUTHOR:

Automatic equipment for the life test of small

transport aircraft

general designation of the second sec

PERIODICAL: Strojírenství, v.12, no.6, 1962, 443-449

The article describes the equipment developed for the fatigue testing of the light transport aircraft by a programme which simulates the actual stresses during flight and landing. For a period corresponding to a 1.5h flight there is first a steadily rising load to a maximum value of 1472 kg, followed by 72 cycles of oscillating load between zero and full load, and finally a landing load of 1109 kg. The whole cycle is repeated until either a predetermined number of cycles is reached or failure occurs. Provision is made against accidental overload. The equipment was designed for universal programmes and consists of 3 basic systems: the electric system which controls the magnitude and sequence of load, the hydraulic system which provides the force and a linkage system for exerting the load on the test piece. The programming medium is a 2 m long loop of 35 mm film (400 cycles), black or white spaces acting on a set of Card 1/3

Z/032/62/012/006/002/002 E197/E435

Automatic equipment ...

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The cycles in each of these channels are 5 phototransistors. The maximum loading frequency is 1 c/s, the uniformity of individual cycles 1%, the stability over 24 hours better than Input: 20 A at 24 V. The load is measured by resistance strain gauges in a bridge circuit, which is set to be in balance at a limiting load and a slight increase will cause a moving coil relay to actuate power circuits, the electromagnetic valves of the hydraulic system and a change-over to the next step. There is an independent supervisory system which prevents overload and indicates failure in the actuating system and stops the programme on failure of the actuating system or of the test-piece. pressure in the hydraulic system is monitored and will stop the programme on overload. Light signals are associated with the more important circuits, which indicate whether load is rising or failures, including that of the lamp illuminating the falling; programming film, are displayed by illuminated panels and supervised by an alarm system. The hydraulic system has an input of 15 kW, the pump has an output of 35 litres/min. distribution box for the individual hydraulic circuits is Card 2/3

Z/032/62/012/006/002/002 E197/E435

Automatic equipment ...

controlled by electromagnetic valves. The linkage between the hydraulic system and the fuselage consists of standard hydraulic cylinders. The equipment was designed and put into operation in 1960 for testing the aircraft L200. Two other systems but with different programmes are used for aircraft Ac 45 and L 15. Future developments envisaged are a transistorized measuring bridge, an extension of programming facilities by the use of a magnetic band, and heavier loads. The moving coil meters will be replaced by measuring instruments with phototransistors for control. There are 17 figures.

ASSOCIATION: VZLÚ , Letňany

Card 3/3

ACC NR: AP6026308 SOURCE CODE: CZ/0034/66/000/008/0524/0532

AUTHOR: Hlineny, Jaroslav; Buzek, Zdenek

ORG: VSB, Ostrava

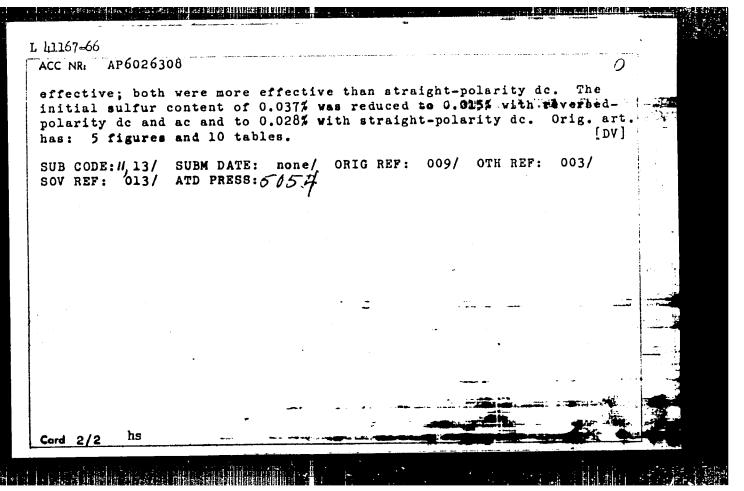
TITLE: Desulfurizing effect of electroslag melting

SOURCE: Hutnicke listy, no. 8, 1966, 524-532

TOPIC TAGS: etcal, steel melting, electroslag melting, desulfurization, steel desulfurisation

ABSTRACT: The effect of slag composition, furnace atmosphere, current type (ac or dc) and current polarity on the depth of desulfurizing action of electroslag melting has been investigated. It was found that though the most complete desulfurization was achieved with a calcium fluoride-base slag containing 20—40% lime, the desulfurizing capacity of slags is not the most important factor. The most complete desulfurization takes place when sulfur which passed from metal to slag is oxidized by oxygen of the furnace atmosphere at the slag-atmosphere interface. Therefore, the desulfurization in argon atmosphere was less complete than that in air atmosphere. The initial sulfur content of 0.023% was reduced to 0.017—0.021% in argon compared to 0.015—0.020 in air. Reversed-polarity dc and ac were equally

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[translator]

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8-year period. Vop.onk. 5 no.11:524-528 '59. (MIRA 14:7)

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(BREAST_GANCER) (X RAYS_THERAPEUTIC USE)

HL	EXCERPTA MEDICA Sec 16 Vol. 5/10 Cancer Oct 57 4004. JASINSKI W., HLINIAK A., ŚWIECKI J. and WIECKOWSKA Z. Inst. Onkol., Gliwice. Leczenie nieoperacyjnego raka sutka promieniami Roentgena X-ray treatment of inoperable cancer of the breast Pol. Tyg. lck. 1957, 12/15 (553-554) The results of treatment of 114 cases of inoperable cancer of the breast (1947-1950) treated by X-rays are presented. Tumour dose was 4500-6000 r. In 2.7% of cases necroses of soft tissues were noted; 20% of the patients survived 5 yr. after the treatment without signs of recurrence or metastases.		
	ment without signs of recurrence of metastases.	The state of the s	
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HLINIAK, Andrzej

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(BLADDER NEOPLASMS) (GOLD ISOTOPES)

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- J. Swiecki.

TO THE TAX OF THE TAX

(BLADDER NEOPLASMS) (GOLD ISOTOPES)

HLINIAK, Andrzej; Teimin, Jacien; Wibbanbart, Berjan; of ECKI, Chatpoine

Some notes on the role of the P-32 test in the diagnosis of malignant melanoma. Nowothery IX no.A:3A1-3A2 C-D *6A

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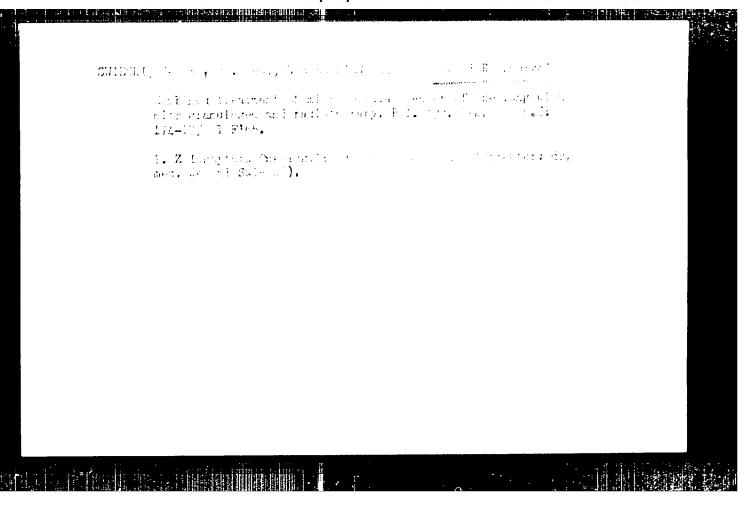
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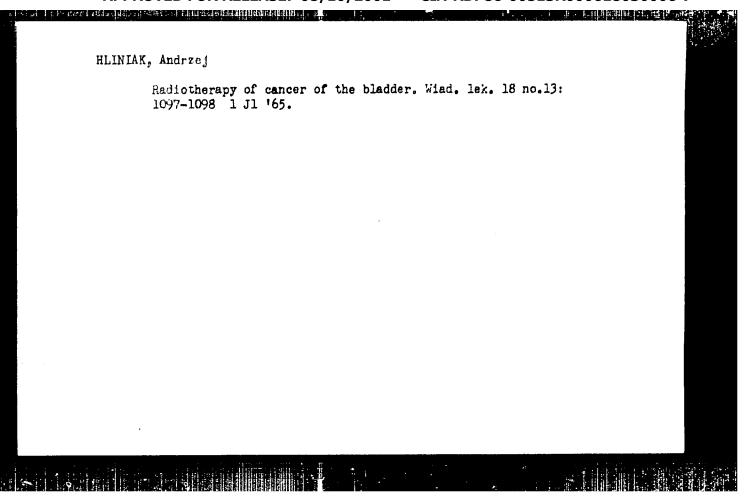
1. Z Zakladu Rentgenoterapii Instytutu Onkologii w Gliwicach (p.o. kierownika: dr. med. A. Hliniak; dyrektor: dr. med. J. Swiecki).

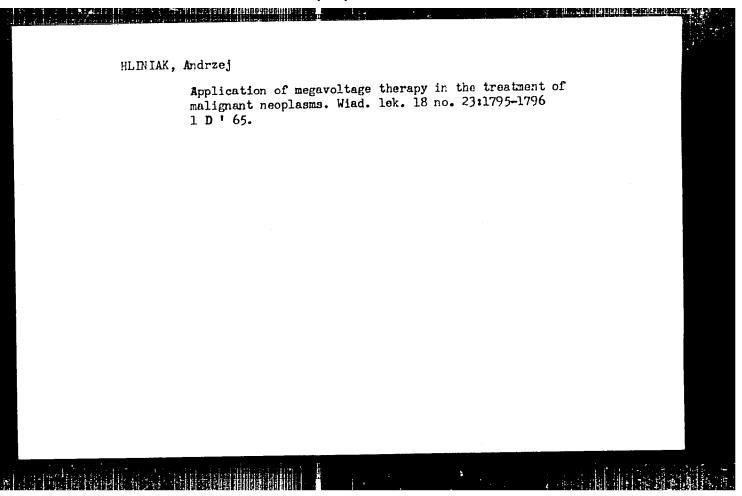


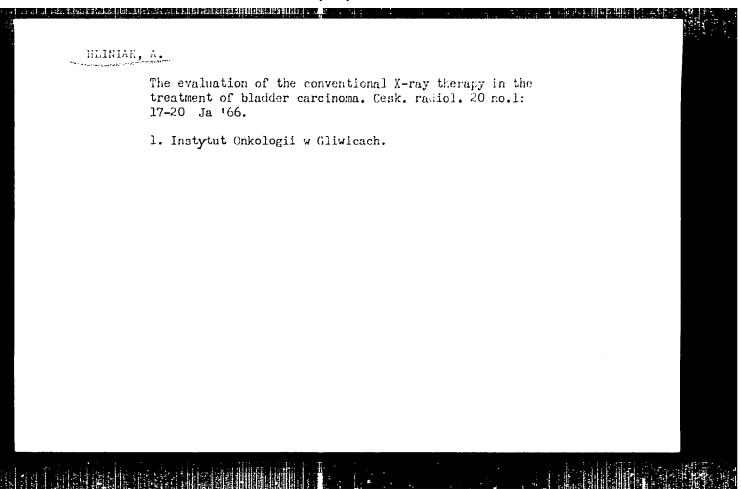
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HLIHIAK, Irena; VORBRODT, Janina; WIECZORKIEWICZ, Anna; KOZLIK, Ryszard

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 Z Zazladu Rentgenoterupii hastytuti (hkologii w Glivinosh (Kier wmik: dr. med. A. Hliniak; Dynaktoro dr. med. J. Weiecki).

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WIECZORKIEWICZ, Anna; HLINIAKOWA, Irena; VORBRODTOWA, Janina

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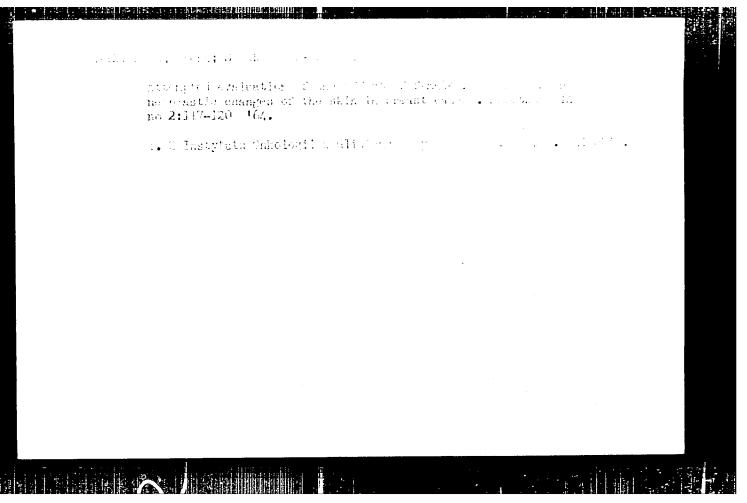
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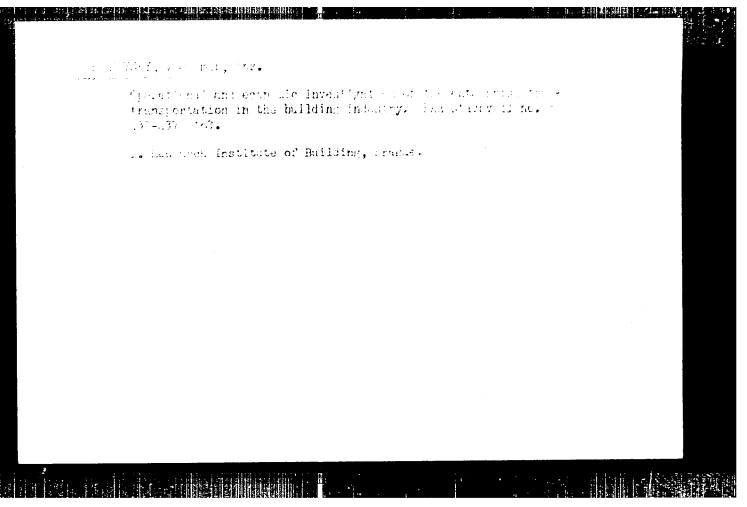
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GRABECKI, Jerzy and HLISNIK, Maria, Municipal Analytical Laboratory (Miejskie Laboratorium Analityczne) in Cherzow (Director: Dr. med. Jerzy GRABECKI)

"Simple and Rapid Murxido Method for Determining Calcium in Serum."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 34, 19 Aug 63, pp 1271-1273

Abstract: [Authors' English summary modified] The authors tosted the simple and rapid murexide method (Harper) for the determination of calcium in serum and found the results lower than those by the author. The describe their modification of the method and their findings. Significance of the differences from the standard are analyzed, and the authors note that their studies on the method are continuing. There are 8 references, of which two are Polish and the others Western.

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GRABECKI, Jerzy; HLISNIK, Maria

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A simple and rapid murexide method for the determination of calcium in the blood serum. Pol. tyg. lek. 18 no.34:1271-1273 19 Ag 163.

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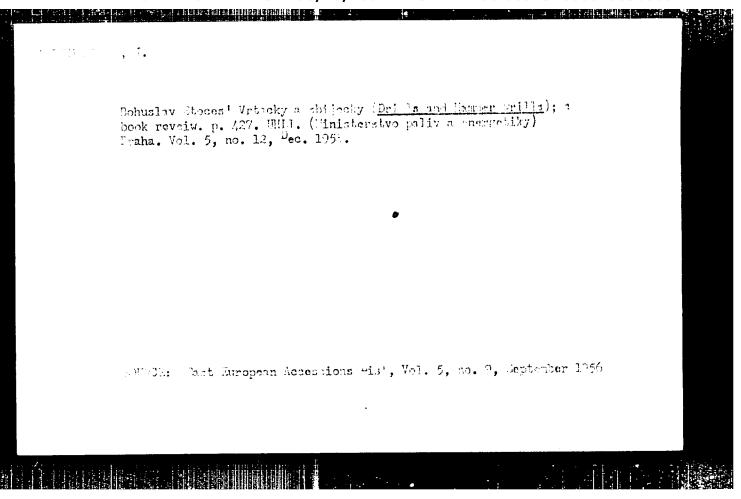
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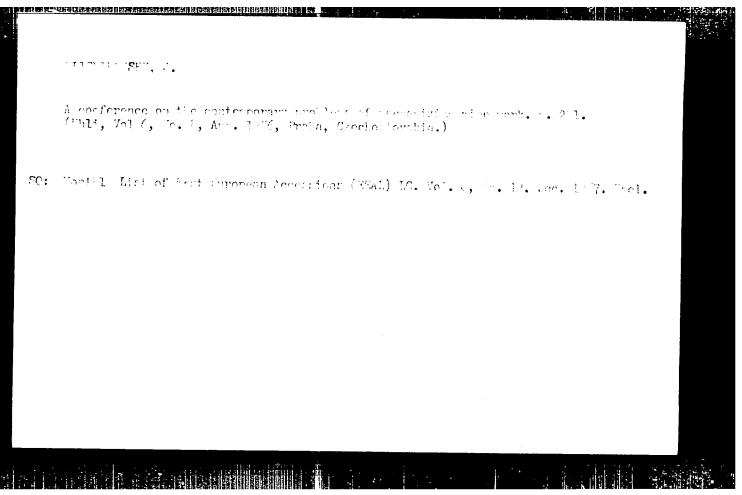
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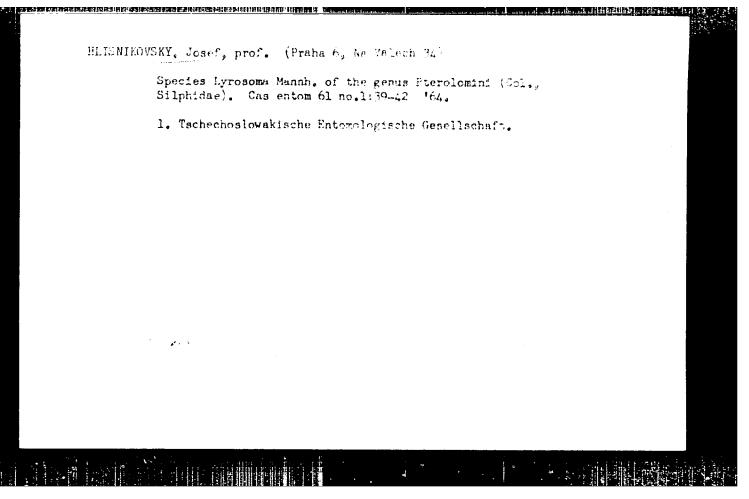
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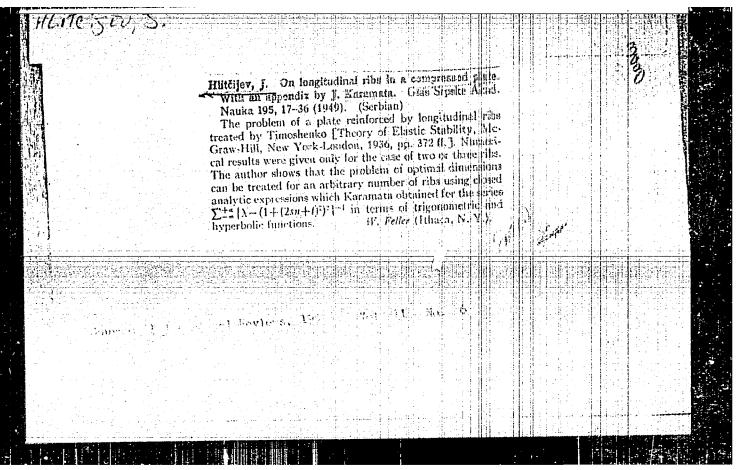
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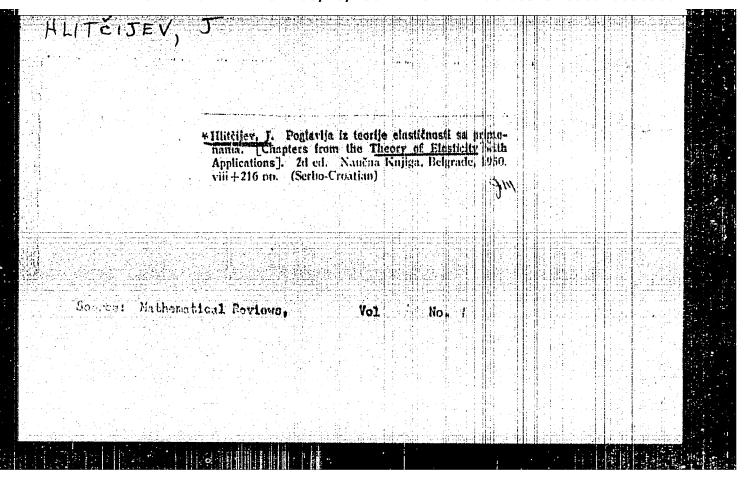
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Distillery in Focsani

ORIG. PUB.: Gradina, via si Livada, 7, No 11, 28-30 (1958)

ABNARACT : Pollowing clarification with bencomite, the wines are fritered, blended, vacuum-coolid antal fine crystals of water begin to form, and transferred to constant-temperature tanks with linings of 'prodorglas' and external air cooling, in which the wine is kept for 7-14 days; at the end of that period the wine is filtered, passed through neat exchangers, and pumped into the firithed product tanks. Lov-vicenol content rices are concentrated before transfer to the constant-

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